GEOTAB
management by measurement

IOX-GARMINNT
IOX-GARMINWT
IOX-GARMINWTEU

For the most up to date version, please visit: goo.gl/crx8u0

As an Authorized GARMIN Partner, Geotab® provides seamless integration with certain devices on the GARMIN platform. The GARMIN IOX® user can connect a Geotab fleet management solution to a GARMIN device to allow for enhanced in-vehicle driver-dispatcher communication.

Top Features

- Plug-&-Play IOX to the Geotab GO device
- Two-way communication between drivers and dispatchers
- Dispatchers can send stops and routes directly to the vehicle
- Touchscreen communication for drivers
- Communications are verified and time-stamped
- All driver information is displayed on a map

For WT
Models Only

IOX Specifications and Installation

Hardware Technical Specifications
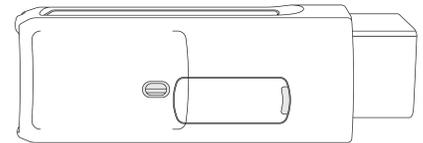
Weight	190 g
Size	Overall Length: 1900 mm L + FMI 15/45 cable Widest Point: 43 mm W × 22 mm H
Housing	Black, moisture-resistant thermoplastic overmold
Interfaces	CAN: 500 kbps (for daisy chaining) TTL serial interface
Power Output	GARMIN Interface: 900 mA @ 5 V Daisy Chaining: 2500 mA @ 12 V/24 V
Current Rating	Operating Mode: 30 mA Sleeping Mode: 0.2 mA
Temperature Rating	−40 ℃ to +85 ℃
Connectors	Keyed mini-USB type-B plug: Daisy chain power & CAN in Keyed mini-USB type-B socket: Daisy chain power & CAN out Mini-USB type-B plug: GARMIN
Installation	Keyed mini-USB plug connects to GO Device or another IOX Mini-USB plug connects to GARMIN
Compatible Firmware	GO6®:101.4.XX or higher & GO7®:105.2.XX or higher

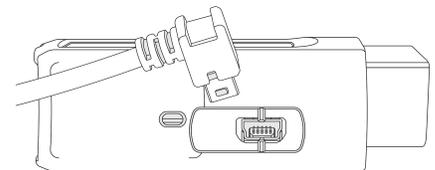# Installation Instructions

WARNING! Prior to IOX-GARMIN installation, read and follow GO device installation instructions (goo.gl/rkLRiA) to both verify that any existing GO device installation is correct and that you are qualified to complete this IOX-GARMIN installation. Incorrect installation of either the GO device, and/or IOX-GARMIN can result in loss of vehicle control and serious injury.

WARNING! Prior to IOX-GARMIN installation, read and follow important safety information including limitations of use located following these installation instructions. Always read and follow all safety information to prevent loss of vehicle control and serious injury.

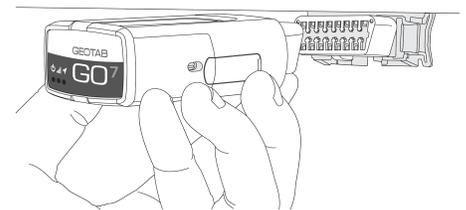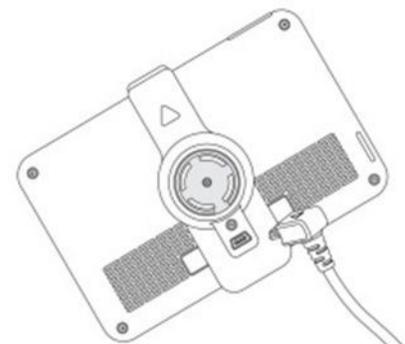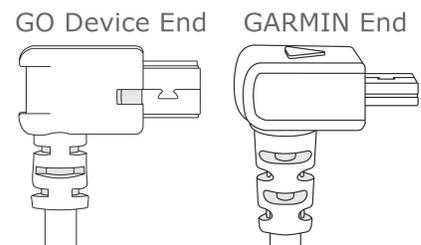|		
1	Start with the Geotab GO Device unplugged from the vehicle. Remove the IOX expansion port cover on your GO Device.	
2	Plug in the 90° USB connector of the IOX to the GO Device. Secure the USB connector using a zip tie, being careful not to over tighten it, which can result in damage to the USB connector. **Note:** The USB connector can only be inserted in one orientation (see image).	
3	Once your connections to the IOX-GARMIN wiring have been made, connect the GO device and immediately start the vehicle. Your GO Device will enter debug mode.	
4	Plug in your GARMIN. Please see the GARMIN compatibility section below. **NOTE**: The GO Device and GARMIN have similar USB connectors. IOX-GARMIN has two USB plugs. Since the Geotab GO Device and GARMIN have similar USB connectors, it is possible to plug a USB plug into the wrong device. Remember that the end that goes into the GO Device will always have a notch. Make sure you insert the correct connector into its corresponding device.	GO Device End GARMIN End

| 5 | Please verify that the device is communicating correctly. Using a PC or smart phone, navigate to installmygps.com.

Fill in your name, company, and the Geotab GO device serial number (found at the bottom of the device) and click on **Log Install**. |

| 6 | You will now see a screen that displays the current status of the device. If the device is communicating correctly, you will see GREEN lettering with the last valid GPS record. If the text appears in RED, the device is unable to communicate and you must verify the installation. |

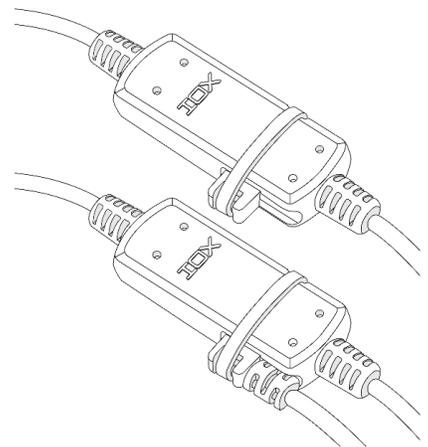## Termination Shunt

You may notice your IOX comes with a termination shunt installed in the expansion port. If you are installing more than one IOX in a daisy chain you will need to remove the shunt from each device in line, with the exception of the last IOX connected. That shunt must remain in the last IOX and should be secured with a zip tie.

The use of the shunt in the last IOX is necessary for the GO Device to detect and configure the IOX as effectively as possible.

Note: Failing to install the shunt in the last IOX could affect IOX communication. It is recommended that you secure the shunt using a zip tie if not already done.

GARMIN Compatibility

For more information regarding traffic data for different GARMIN devices and the Fleet Management Interface (FMI) supported by each device, please refer to the GARMIN website.

Compatible GARMIN Devices

For a list of compatible Garmin devices, please visit Garmin's Supported Devices page.

Geotab supports any listed Garmin models that use the FMI 15 or FMI 45 interface. The IOX-GARMIN is supplied with an FMI cable as per the table below. For additional information on supported features, visit Garmin's page on the Geotab Marketplace.

IOX-GARMIN**NT**	No traffic, FMI 15 cable
IOX-GARMIN**WT**	With traffic, FMI 45 cable (North America)
IOX-GARMIN**WTEU**	With traffic, FMI 45 cable (Europe, Australia, NZ, and South Africa)

Important Safety Information and Limitations of Use

For the latest version of Limitations of Use, please visit: [goo.gl/k6Fp0w](goo.gl/k6Fp0w).

WARNING! Do not attempt to install, configure or remove any product from any vehicle while the vehicle is in motion or otherwise in operation. All installation, configuration or removal must be done only in stationary vehicles which are securely parked. Attempting to service units while being operated could result in malfunctions or accidents, leading to death or serious personal injury.

WARNING! All in-vehicle devices and related cabling must be securely fastened and kept clear of all vehicle controls, including gas, brake and clutch pedals. You must inspect devices and cabling on a regular basis to ensure all devices and cabling continue to be securely attached. Loose cabling or devices may impede the use of vehicle controls, resulting in unanticipated acceleration, braking or other loss of vehicle control, which could lead to death or serious personal injury. Improperly fastened in-vehicle devices may detach and impact operators upon sudden acceleration or deceleration, which may cause injury.

WARNING! If at any point after an in-vehicle device is installed a warning light illuminates on the vehicle dash or the vehicle stalls or has a marked drop in performance, shut off the engine, remove the device, and contact your reseller. Continuing to operate a vehicle with these symptoms can cause loss of vehicle control, and serious injury.

WARNING! Your in-vehicle devices must be kept clear of debris, water and other environmental contaminants. Failure to do so may result in units malfunctioning or short-circuiting that can lead to a fire hazard or vehicle damage or serious injury.

WARNING! Do not attempt to remove the devices from the vehicle in which they are originally installed for installation in another vehicle. Not all vehicles share compatibility, and doing so may result in unexpected interactions with your vehicle, including sudden loss of power or shutdown of the vehicle's engine while in operation or cause your vehicle to operate poorly or erratically and cause death or serious injury and/or vehicle damage.

NOTICE — This product does not contain any user-serviceable parts. Configuration, servicing, and repairs must only be made by an authorized reseller or installer. Unauthorized servicing of these products will void your product warranty.